



Fapas® QC MATERIAL DATA SHEET	T27353QC
Matrix	Cooked Biscuit
Weight / Volume of Contents	50g

Analyte	Qualitative Results
Hazelnut	DETECTED (98% consensus)
Peanut	DETECTED (93% consensus)

Quantitative Results				
Analyte	Assigned Value, x_a	Range for $ z \leq 2$	Units	No. of data points producing x_a
ELISA Systems Hazelnut (ESHRD-48)	0.750	0.375 - 1.125	mg/kg	5
Neogen Veratox for Hazelnut Allergen (8420)	4.25	2.13 - 6.38	mg/kg	8
Romer Labs AgraQuant Hazelnut (COKAL0348)	6.50	3.25 - 9.75	mg/kg	13
R-Biopharm RIDASCREEN Fast Hazelnut (R6802)	13.8	6.9 - 20.6	mg/kg	20
ELISA Systems Peanut (ESPRDS-48)	0.970	0.485 - 1.455	mg/kg	3
Neogen Veratox for Peanut Allergen (8430)	23.3	11.7 - 35.0	mg/kg	10
R-Biopharm RIDASCREEN Fast Peanut (R6202)	26.3	13.2 - 39.5	mg/kg	3
Romer Labs AgraQuant Peanut (COKAL0148)	22.8	11.4 - 34.1	mg/kg	12
R-Biopharm RIDASCREEN Peanut (R6811)	25.6	12.8 - 38.4	mg/kg	14
PROGNOSIS BIOTECH S.A. ALLERGEN-SHIELD HAZELNUT A1648/A1696	6.76	3.38 - 10.13	mg/kg	6
PROGNOSIS BIOTECH S.A. ALLERGEN-SHIELD PEANUT A1748/A1796	15.3	7.6 - 22.9	mg/kg	6

This data sheet is applicable until	13 Apr 2028
Recommended Storage on receipt	-20°C

Notes
<ul style="list-style-type: none"> Mix the QC material thoroughly before taking a representative analytical sample. The assigned value has been derived from the consensus of laboratories taking part in the accompanying proficiency test, using a specific kit type. This is not a certified reference value.

- Results for each analyte were separated into individual kit types and assessed separately.
- The Range for $|z| \leq 2$ is the concentration range within the limits of ± 2 z-scores. The assigned value and its range have been established from the proficiency test data and are suitable for use by laboratories as a fit-for-purpose quality control measure.
- Stability of the QC material has been established as sufficient for the scope of the proficiency test from previous experience, expert advice and published literature. Fapas[®] advises that the QC material is analysed within the recommended date. Fapas[®] QC materials are intended to be used as single-analysis samples.
- Full details on the proficiency test procedure used to characterise this QC material are available in the Protocol, Part 1 - Common Principles, freely available to download from the Fapas[®] website.